

It is claimed:

1. A moveable undercarriage for supporting and moving a welder and/or power supply over a ground surface comprising a base to support the welder and/or power supply, a front and rear axle secured to said base, two front wheels rotatably secured to said front axle, two rear wheels rotatably secured to said rear axle, and a push bar secured to said base, said rear wheels having a radius that is greater than a radius of said front wheels, said base having a generally flat top surface lying in a plane generally parallel to a flat ground surface, said front and rear axles positioned on said base such that a center of gravity of the welder and/or power supply positioned lies between said axles, said front and rear axle spaced apart along the longitudinal axis of said base at a distance less than about 3 times the sum of the radii of said front and rear wheels.

2. The undercarriage as defined in claim 1, wherein the spacing between said front and rear axles is between about 1.0-1.5 times the sum of the radii of said front and rear wheels.

3. The undercarriage as defined in claim 1, wherein the ratio of said rear wheel radius to said front wheel radius is about 1:1 to 2.5:1.

4. The undercarriage as defined in claim 2, wherein the ratio of said rear wheel radius to said front wheel radius is about 1:1 to 2.5:1.

5. The undercarriage as defined in claim 1, wherein said base includes two side edges and side flanges connected thereto and extending downwardly therefrom, at least one axle secured to said side flanges.

6. The undercarriage as defined in claim 4, wherein said base includes two side edges and side flanges connected thereto and extending downwardly therefrom, at least one axle secured to said side flanges.

7. The undercarriage as defined in claim 5, wherein said side flanges having a forward section positioned forwardly of said front axle and a mid-section positioned between said front and rear axle, said flange mid-section extending downwardly a length that is greater than the downward length of said forward section.

8. The undercarriage as defined in claim 6, wherein said side flanges having a forward section positioned forwardly of said front axle and a mid-section positioned between said front and rear axle, said flange mid-section extending downwardly a length that is greater than the downward length of said forward section.

9. The undercarriage as defined in claim 1, wherein said front wheels positioned rearwardly of a front edge of said base and said rear wheels positioned forwardly of a rear edge of said base.

10. The undercarriage as defined in claim 8, wherein said front wheels positioned rearwardly of a front edge of said base and said rear wheels positioned forwardly of a rear edge of said base.

11. The undercarriage as defined in claim 1, including a brake, said brake including a brake plate secured to a brake arm, a brake arm pivotally connected to said base to move said brake plate into contact and out of contact with at least one of said rear wheels, and a brake bar movable between a locked and unlocked position, said brake bar in said locked position engaging said brake arm to move said brake plate into contact with said rear wheel.

12. The undercarriage as defined in claim 10, including a brake, said brake including a brake plate secured to a brake arm, a brake arm pivotally connected to said base to move said brake plate into contact and out of contact with at least one of said rear wheels, and a brake bar movable

between a locked and unlocked position, said brake bar in said locked position engaging said brake
5 arm to move said brake plate into contact with said rear wheel.

13. The undercarriage as defined in claim 1, wherein said push bar including a base
section, a middle section and a handle section, said base section secured to said base, said middle
section attached to said base section at an angle of about 15-70°, said handle section attached to said
middle section at an angle of about 15-70°, said handle section lying in a plane generally
5 perpendicular to said ground surface.

14. The undercarriage as defined in claim 12, wherein said push bar including a base
section, a middle section and a handle section, said base section secured to said base, said middle
section attached to said base section at an angle of about 15-70°, said handle section attached to said
middle section at an angle of about 15-70°, said handle section lying in a plane generally
perpendicular to said ground surface.

15. The undercarriage as defined in claim 14, wherein said base section lying in a plane
that is non-parallel to said top surface plane.

16. The undercarriage as defined in claim 1, including a lift bar secured to said push bar.

17. The undercarriage as defined in claim 4, including a lift bar secured to said push bar.

18. The undercarriage as defined in claim 15, including a lift bar secured to said push bar.

19. The undercarriage as defined in claim 1, including at least one hook arrangement
secured to said push bar.

20. The undercarriage as defined in claim 18, including at least one hook arrangement secured to said push bar.

21. The undercarriage as defined in claim 20, including at least one holding compartment secured to said push bar and said hook arrangement.

22. The undercarriage as defined in claim 1, including a bumper flange secured to the front edge of said base.

23. The undercarriage as defined in claim 21, including a bumper flange secured to the front edge of said base.

24. The undercarriage as defined in claim 1, wherein said base having a length and a width at least equal to a length and a width of the welder and/or power supply.

25. The undercarriage as defined in claim 23, wherein said base having a length and a width at least equal to a length and a width of the welder.

26. The undercarriage as defined in claim 5, wherein said side flanges each including at least three axle openings being generally aligned with one another.

27. The undercarriage as defined in claim 6, wherein said side flanges each including at least three axle openings being generally aligned with one another.

28. The undercarriage as defined in claim 25, wherein said side flanges each including at least three axle openings being generally aligned with one another.

29. The undercarriage as defined in claim 1, wherein said base rearwardly moveable about said rear wheels between a fully tilted position and a non-tilted position, said center of gravity of said welder and/or power supply lying on or forwardly of said rear axle and rearwardly of said front axle when said base is in said fully tilted position.

30. The undercarriage as defined in claim 4, wherein said base is rearwardly moveable about said rear wheels between a fully tilted position and a non-tilted position, said center of gravity of said welder and/or power supply lying on or forwardly of said rear axle and rearwardly of said front axle when said base is in said fully tilted position.

31. The undercarriage as defined in claim 28, wherein said base rearwardly moveable about said rear wheels between a fully tilted position and a non-tilted position, said center of gravity of said welder and/or power supply lying on or forwardly of said rear axle and rearwardly of said front axle when said base is in said fully tilted position.

32. A machine that is moveable over a ground surface comprising at least one front wheel rotatably interconnected to said machine, at least one rear wheel rotatably interconnected to said machine, and a push bar interconnected to said machine, said rear wheel having a radius that is equal to or greater than a radius of said front wheel, said front and rear axle positioned on said machine such that a center of gravity of said machine is positioned to lie on or between the central axis of said front or rear wheel, said central axis of said front and rear wheel spaced apart along the longitudinal axis of said machine so that the spacing is less than about 3 times the sum of the radii of said front and rear wheel.

33. The machine as defined in claim 32, wherein the spacing between said front and rear axles is between about 1.0-1.5 times the sum of the radii of said front and rear wheels.

34. The machine as defined in claim 32, including a brake, said brake including a brake plate secured pivotally interconnected to said machine and moveable into and out of contact with at least one rear wheel.

35. The machine as defined in claim 34, including a brake bar movable between a locked and unlocked position, said brake bar causing said brake plate to move into contact with said rear wheel when said brake bar is moved into the locked position.

36. The machine as defined in claim 32, wherein said push bar including a middle section and a handle section, at least a portion of said handle section interconnected to at least a portion of said middle section at an angle of about 15-70°.

37. The machine as defined in claim 36, wherein at least a portion of said handle positioned generally perpendicular to the ground surface.

38. The machine as defined in claim 39, wherein said push bar includes a base section secured to another end of said middle section, said base section interconnected to said base and lying in a non-parallel plane to a top surface of said machine.

39. The machine as defined in claim 32, including a lift bar secured to said push bar.

40. The machine as defined in claim 32, including at least one hook arrangement secured to said push bar.

41. The machine as defined in claim 32, including an undercarriage, said at least one front wheel rotatably secured to said undercarriage, at least one rear wheel rotatably secured to said undercarriage.

42. The machine as defined in claim 41, wherein said push bar secured to said undercarriage.

43. The machine as defined in claim 41, wherein undercarriage includes a base having two side edges and side flanges connected thereto and extending downwardly therefrom, at least one axle secured to said side flanges.

44. The machine as defined in claim 43, wherein said front wheels positioned rearwardly of a front edge of said base and said rear wheels positioned forwardly of a rear edge of said base.

45. The machine as defined in claim 41, wherein the top of said base lying in a base plane, said base plane generally parallel to the plane of said ground surface when said front and rear wheels engage said ground surface.

46. The machine as defined in claim 43, wherein said side flanges each including at least three axle openings being generally aligned with one another.

47. The machine as defined in claim 41, wherein said base rearwardly moveable about said rear wheels between a fully tilted position and a non-tilted position, said center of gravity of said welder and/or power supply lying on or forwardly of said rear axle and rearwardly of said front axle when said base is in said fully tilted position.

48. A moveable undercarriage for supporting and moving equipment over a ground surface comprising a base structure, at least one front wheel rotatably secured to said base, at least one rear wheel rotatable secured to said base, and a push bar secured to said base, said rear wheel having a radius that is equal to or greater than a radius of said front wheel, the axles of said front and rear wheel positioned on said base such that a center of gravity of the equipment lies on or between

~~50~~ said axles, said axles of front and rear spaced apart along the longitudinal axis of said base so that the spacing is less than about 3 times the sum of the radii of said front and rear wheels.

49. The undercarriage as defined in claim 48, wherein said equipment is positioned in said base.

50. The undercarriage as defined in claim 49, wherein said equipment is secured to said base.

51. The undercarriage as defined in claim 48, wherein said equipment is a welder or power supply.

52. The undercarriage as defined in claim 48, including at least one axle secured to said base, said rear wheel rotatably secured to said axle.

53. The undercarriage as defined in claim 48, including at least one axle secured to said base, said front wheel rotatably secured to said axle.

54. The undercarriage as defined in claim 48, including at least one spindle secured to said base, said rear wheel rotatably secured to said spindle.

55. The undercarriage as defined in claim 48, including at least one spindle secured to said base, said front wheel rotatably secured to said spindle.

56. The undercarriage as defined in claim 48, wherein the spacing between said axles of said front and rear wheels is between about 1.0-1.5 times the sum of the radii of said front and rear wheels.

57. The undercarriage as defined in claim 48, wherein said front wheels positioned rearwardly of a front edge of said base and said rear wheels positioned forwardly of a rear edge of said base.

58. The undercarriage as defined in claim 48, including a brake, said brake including a brake plate which is moveable into and out of contact with at least one rear wheel.

59. The undercarriage as defined in claim 58, including a brake bar movable between a locked and unlocked position, said brake bar causing said brake plate to move into contact with said rear wheel when said brake bar is moved into the locked position.

60. The undercarriage as defined in claim 48, wherein said push bar including a base section and a middle section, said base section connected to said middle section at an angle of about 15° - 90° .

61. The undercarriage as defined in claim 48, including a lift bar secured to said push bar.

Added?